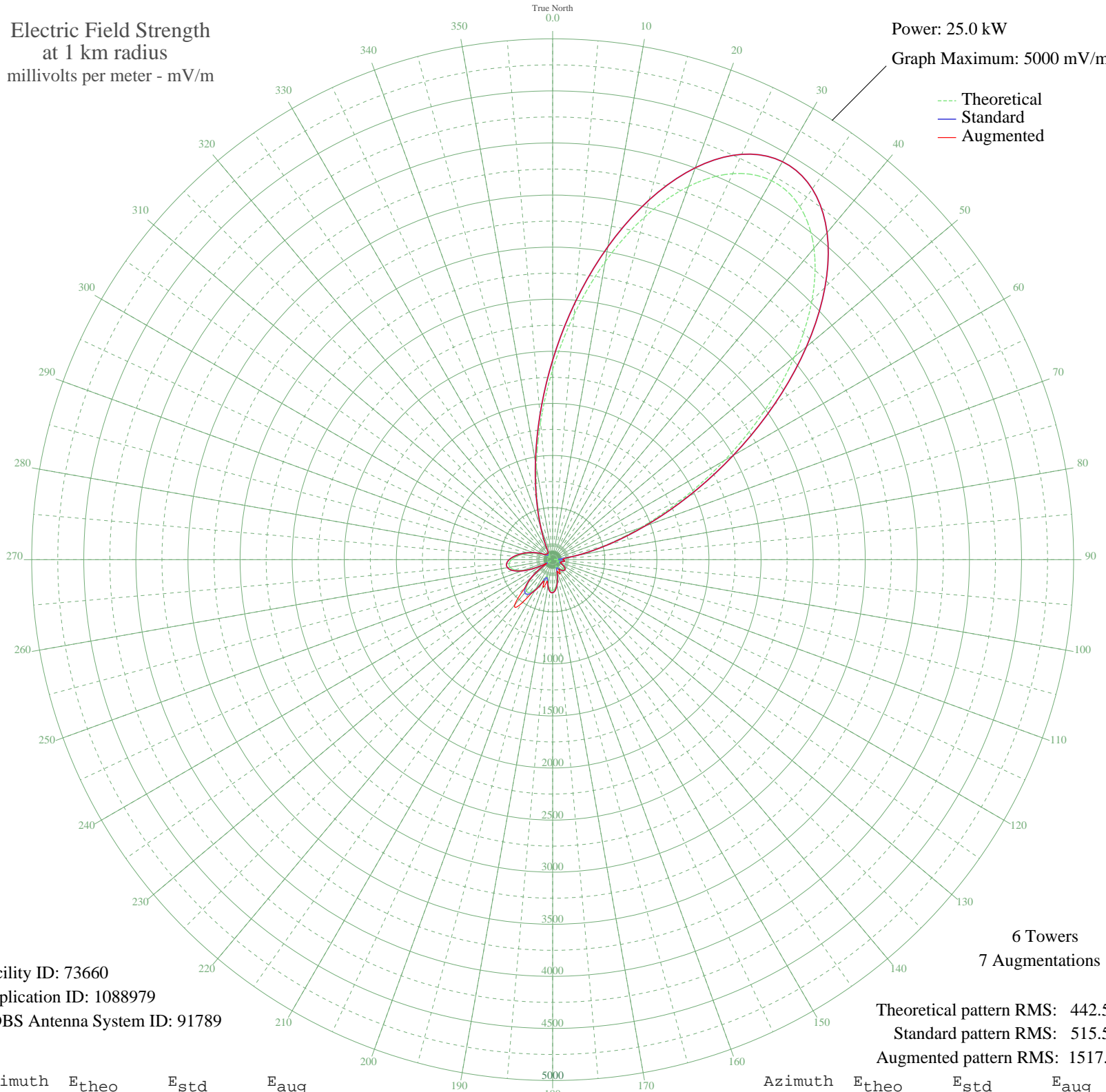


WHBY KIMBERLY, WI BL-20050920AGF 1150 kHz

Nighttime

Electric Field Strength
at 1 km radius
millivolts per meter - mV/m

Power: 25.0 kW
Graph Maximum: 5000 mV/m



Facility ID: 73660
Application ID: 1088979
CDBS Antenna System ID: 91789

Theoretical pattern RMS: 442.51
Standard pattern RMS: 515.55
Augmented pattern RMS: 1517.03

Azimuth	E _{theo}	E _{std}	E _{aug}
0	1823.19	1915.06	1915.06
5	2361.67	2480.31	2480.31
10	2904.03	3049.68	3049.68
15	3403.67	3574.24	3574.24
20	3812.66	4003.63	4003.63
25	4088.61	4293.36	4293.36
30	4201.24	4411.62	4411.62
35	4137.18	4344.36	4344.36
40	3902.06	4097.50	4097.50
45	3519.61	3695.96	3695.96
50	3027.85	3179.68	3179.68
55	2473.47	2597.67	2597.67
60	1905.15	2001.10	2001.10
65	1367.36	1436.69	1436.69
70	895.37	941.60	941.60
75	512.24	540.41	540.41
80	228.00	245.09	245.09
85	41.47	68.21	108.63
90	63.19	84.61	94.94
95	98.05	115.57	115.57
100	87.13	105.48	105.48
105	54.22	77.45	81.63
110	41.92	68.51	85.19
115	74.05	93.82	93.82
120	107.72	124.70	124.70
125	129.08	145.35	145.35
130	136.32	152.46	152.46
135	131.14	147.36	147.36
140	116.24	132.86	132.86
145	94.31	112.08	112.08
150	71.02	91.20	135.58
155	67.46	88.17	145.40
160	104.41	121.55	121.55
165	163.56	179.59	179.59
170	225.32	242.34	242.34
175	274.59	293.07	293.07

The theoretical pattern is used to create the standard pattern. Augmentations (if any) expand the standard pattern in specified directions. See Sections 73.150 and 73.152 of the FCC's Rules.

AM coverage may not mirror the pattern shown here. Additional factors such as ground conductivity or skywave propagation affect how far the AM signal will travel.

Patterns for stations outside the USA are based on notified parameters.

AM directional patterns created before 1982 used units of 1 mV/m at 1 mile, not one kilometer. The pattern values on such plots at 1 mile will be 0.62137 of the values listed here. Measured pattern values may vary from values shown here.

Plot is best printed on 11" by 17" or larger paper.

10 Nov 2011

Prepared by Audio Division, Media Bureau
Federal Communications Commission

Azimuth	E _{theo}	E _{std}	E _{aug}
180	298.10	317.38	317.38
185	286.88	305.77	305.77
190	241.27	258.72	258.72
195	181.39	197.56	220.70
200	167.51	183.55	266.42
205	234.75	252.02	252.02
210	322.24	342.40	342.40
215	382.13	404.66	497.13
220	391.97	414.91	566.34
225	344.86	365.89	368.74
230	246.61	264.21	264.21
235	113.28	130.02	130.02
240	41.49	68.22	76.63
245	179.74	195.89	195.89
250	296.00	315.20	315.20
255	376.17	398.45	398.45
260	416.39	440.35	440.35
265	419.72	443.82	443.82
270	393.89	416.90	416.90
275	348.74	369.92	369.92
280	293.83	312.96	312.96
285	236.75	254.07	254.07
290	182.42	198.60	198.60
295	133.17	149.36	149.36
300	89.83	107.95	107.95
305	53.79	77.11	83.11
310	32.76	62.77	81.57
315	37.97	65.92	78.53
320	49.38	73.79	74.25
325	52.63	76.22	76.22
330	70.36	90.63	90.63
335	154.44	170.45	170.45
340	317.58	337.57	337.57
345	565.72	596.32	596.32
350	903.62	950.25	950.25
355	1327.85	1395.23	1395.23